

FIG. 1

# LEARNING STEP

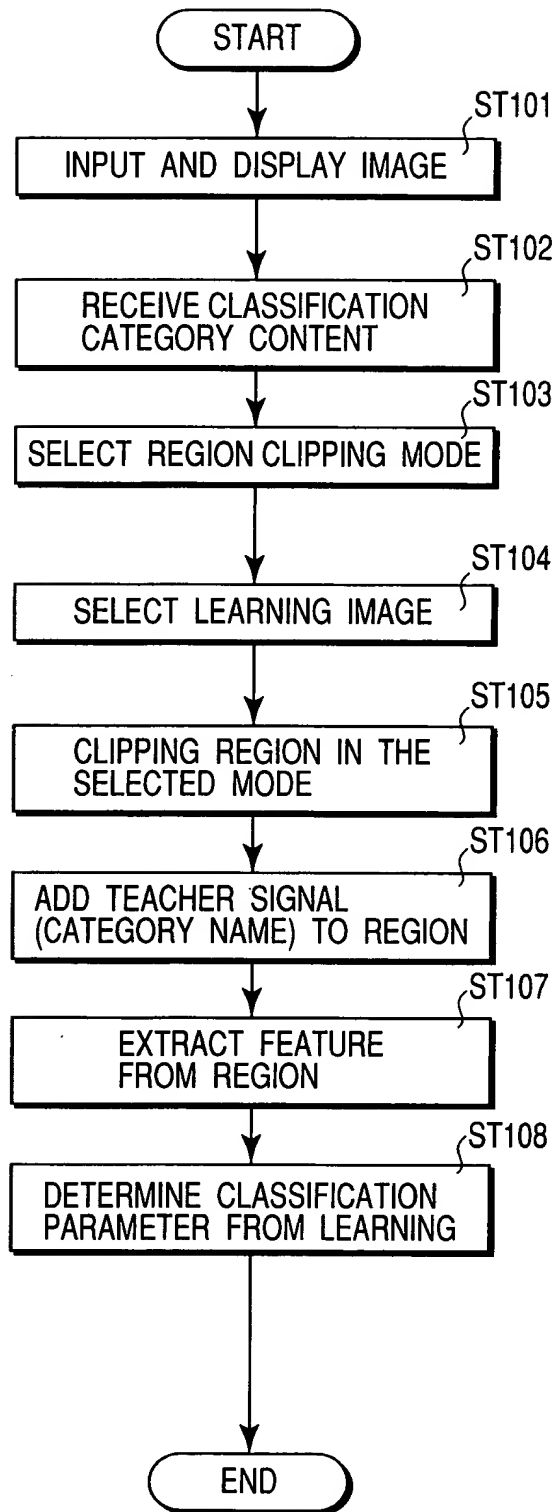


FIG. 2A

# CLASSIFICATION STEP

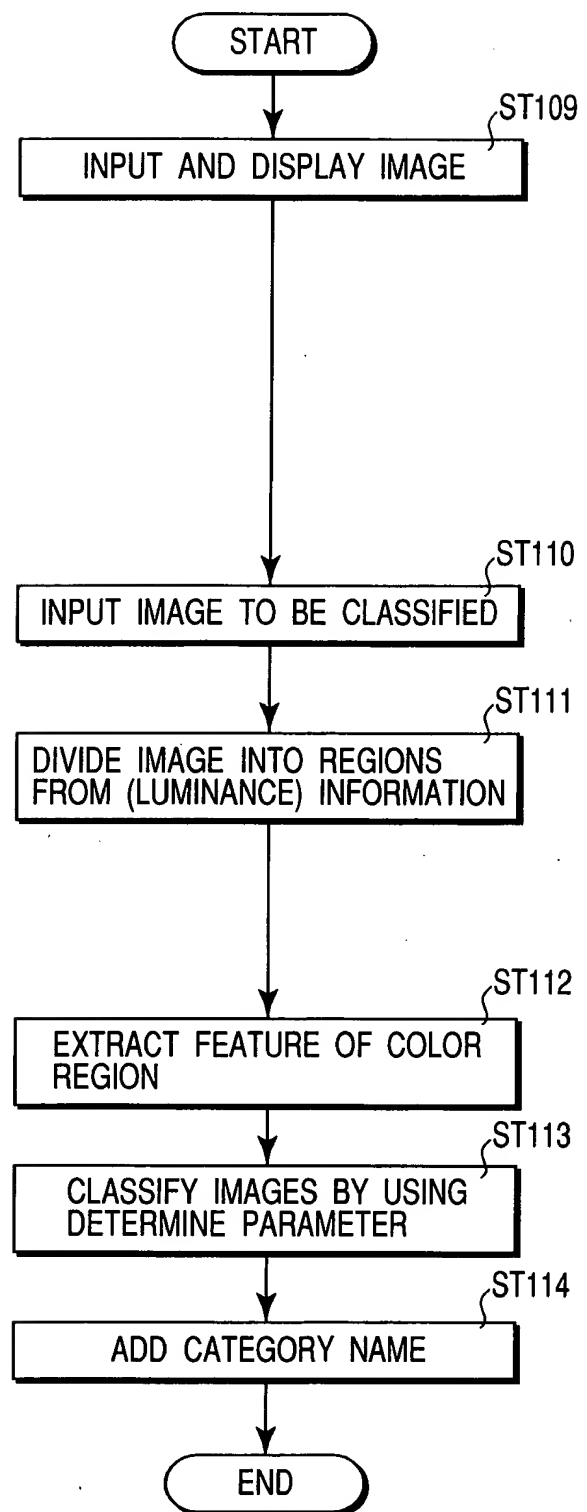


FIG. 2B

SEMI-AUTOMATIC REGION  
CLIPPING MODE

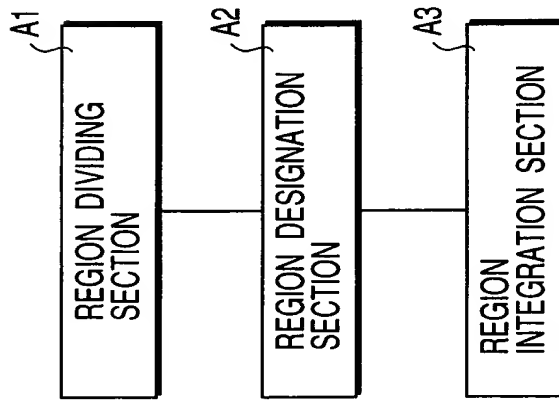


FIG. 3A

LEARNING USAGE REGION  
CLIPPING MODE

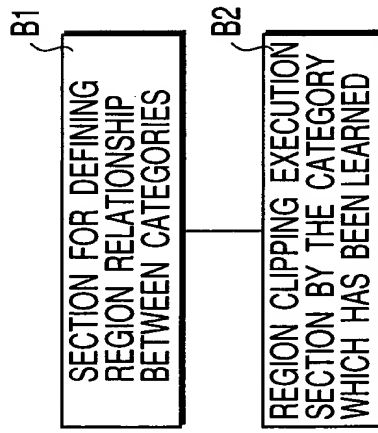


FIG. 3B

INTERACTIVE TYPE REGION  
CLIPPING MODE

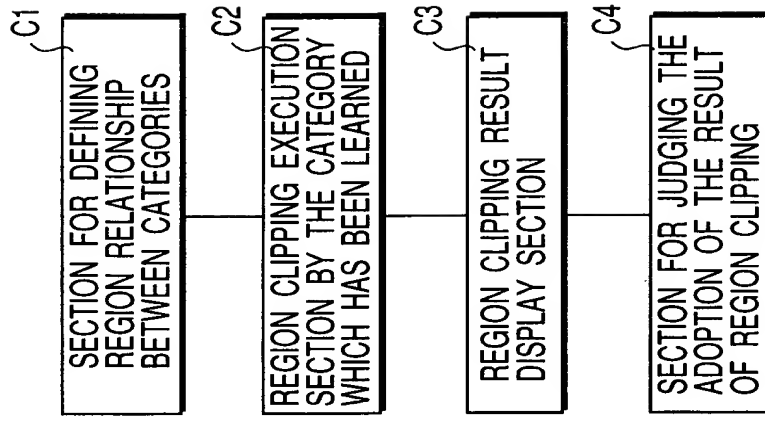


FIG. 3C

LEARNING USAGE REGION  
CLIPPING MODE

SECTION FOR DEFINING REGION  
RELATIONSHIP BETWEEN  
CATEGORIES

B201

REGION CLIPPING EXECUTION  
SECTION BY THE CATEGORY  
WHICH HAS BEEN LEARNED

B202

SECTION FOR JUDGING THE  
RELIABILITY OF THE REGION  
CLIPPING

B203

FIG. 4

LEARNING USAGE REGION  
CLIPPING MODE

SECTION FOR DEFINING REGION  
RELATIONSHIP BETWEEN  
CATEGORIES

B301

REGION CLIPPING EXECUTION  
SECTION BY THE CATEGORY  
WHICH HAS BEEN LEARNED

B302

REGION NUMBER COUNTING  
SECTION

B303

LEARNING IMAGE CANDIDATE  
SELECTION SECTION

B304

FIG. 5

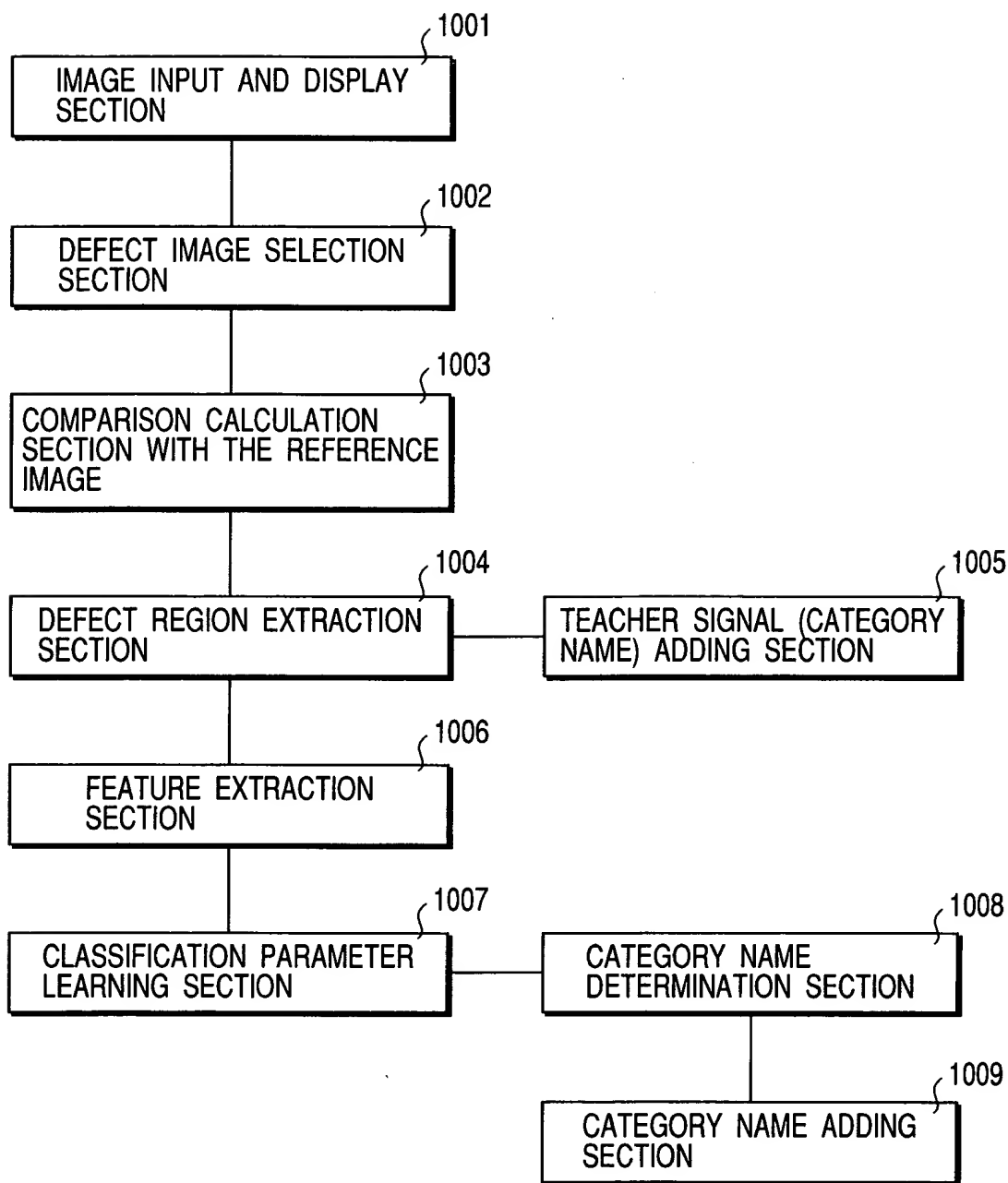


FIG. 6 PRIOR ART

# LEARNING STEP

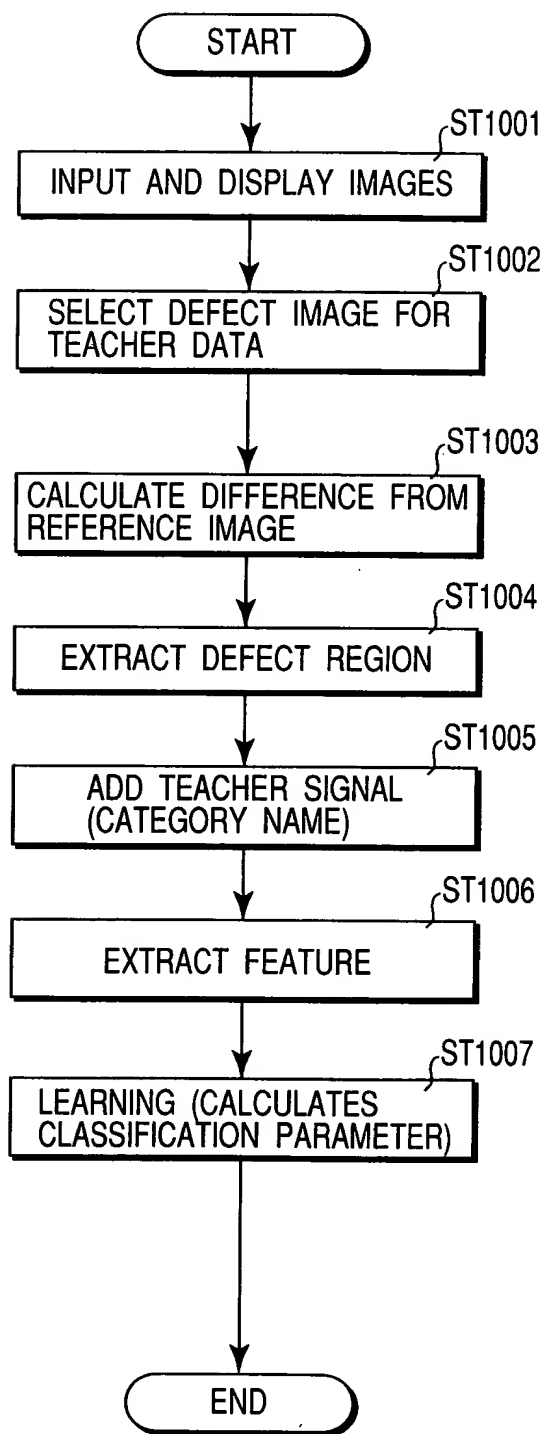


FIG. 7A PRIOR ART

# CLASSIFICATION STEP

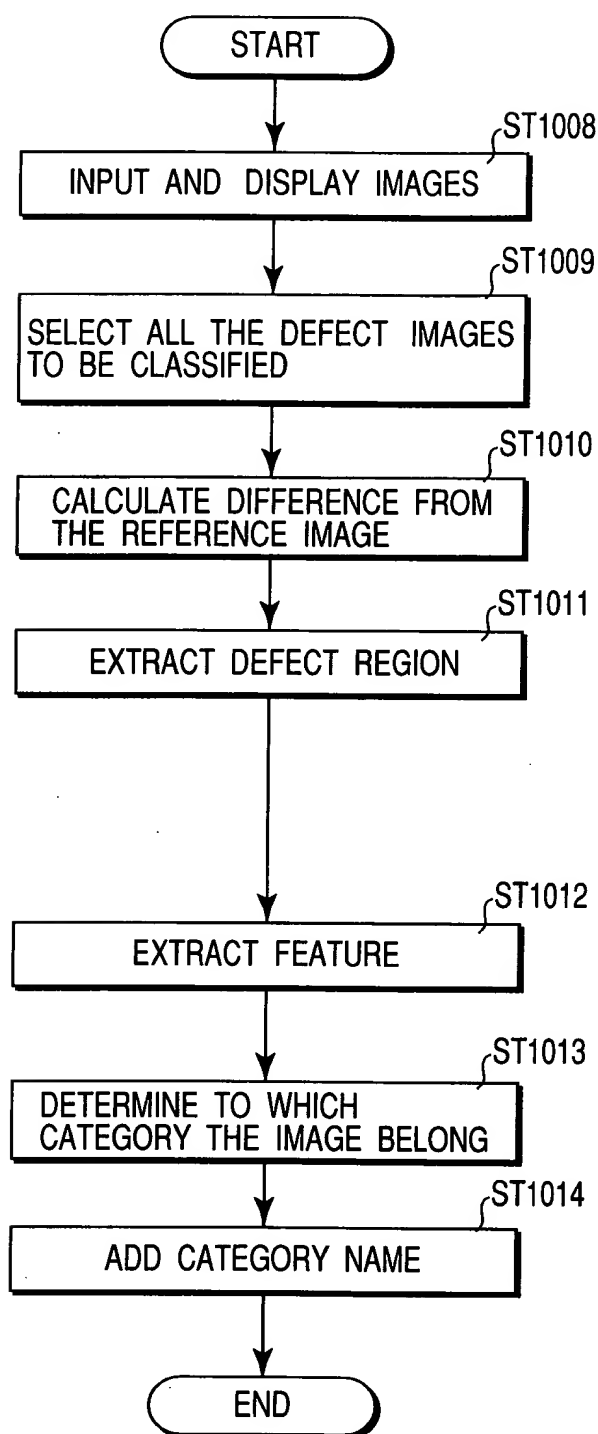


FIG. 7B PRIOR ART